

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|             |                             |   |                 |                |
|-------------|-----------------------------|---|-----------------|----------------|
| Applicant:  | Jon Jody Fong               | ) | Group Art Unit: | To be assigned |
|             |                             | ) |                 |                |
| Serial No.: | To be assigned              | ) | Examiner:       | To be assigned |
|             |                             | ) |                 |                |
| Filed:      | February 20, 2004           | ) | Customer No.:   | 022514         |
|             |                             | ) |                 |                |
| For:        | COOLING TECHNIQUES IN SOLID | ) |                 |                |
|             | FREEFORM FABRICATION        | ) |                 |                |

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, DC 20231

Dear Sir:

Without admission of prior art effect, Applicant calls the Examiner's attention to the references listed on the attached form PTO-1449 pursuant to 37 C.F.R. §1.56 and §1.98. This Information Disclosure Statement is being submitted prior to the mailing of a first Office Action pursuant to 37 C.F.R. §1.97(b)(3).

The following references are hereby made of record:

1. U.S. Patent No. 4,593,292 is made of record.
2. U.S. Patent No. 4,609,924 is made of record.
3. U.S. Patent No. 4,631,557 is made of record.
4. U.S. Patent No. 4,636,803 is made of record.
5. U.S. Patent No. 4,682,185 is made of record.
6. U.S. Patent No. 5,135,379 is made of record.
7. U.S. Patent No. 5,136,515 is made of record.
8. U.S. Patent No. 5,280,300 is made of record.
9. U.S. Patent No. 5,287,435 is made of record.
10. U.S. Patent No. 5,303,141 is made of record.
11. U.S. Patent No. 5,362,427 is made of record.
12. U.S. Patent No. 5,386,500 is made of record.

13. U.S. Patent No. 5,519,816 is made of record.
14. U.S. Patent No. 5,555,176 is made of record.
15. U.S. Patent No. 5,594,652 is made of record.
16. U.S. Patent No. 5,635,964 is made of record.
17. U.S. Patent No. 5,740,051 is made of record.
18. U.S. Patent No. 6,136,252 is made of record.
19. U.S. Patent No. 6,169,605 is made of record.
20. U.S. Patent No. 6,193,923 is made of record.
21. U.S. Patent No. 6,259,962 is made of record.
22. U.S. Patent Application No. 09/970,727 is made of record.
23. U.S. Patent Application No. 09/970,956 is made of record.
24. U.S. Patent Application No. 09/971,247 is made of record.
25. U.S. Patent Application No. 09/971,337 is made of record.

The references included in this IDS form the complete set of references known to the Applicant which are believed to be relevant to the prosecution of the instant application. If additional references are discovered and thought to be relevant, they will be made of record in due course.

Respectfully submitted,  
3D Systems, Inc.

Dated: February 20, 2004



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|---|---|-------------|---|--------------|---|---------------------------------------|
| <b>FORM PTO-1449</b>  |   |             | <b>Docket Number</b><br>USA.292-1       |              | <b>Application Number</b><br>To be assigned |                                       |
| <b>INFORMATION DISCLOSURE CITATION<br/>IN AN APPLICATION</b>  |   |             | <b>Applicants</b><br>Jon Jody Fong      |              |   |                                       |
| <i>(Use several sheets if necessary)</i>  |   |             | <b>Filing Date</b><br>February 20, 2004 |              | <b>Group Art Unit</b><br>To be assigned     |                                       |
| <b>U.S. PATENT DOCUMENTS</b>  |   |             |   |              |   |                                       |
| <b>EXAMINER<br/>INITIAL</b>   | <b>DOCUMENT NUMBER</b>  | <b>DATE</b> | <b>NAME</b>                             | <b>CLASS</b> | <b>SUBCLASS</b>                             | <b>FILING DATE IF<br/>APPROPRIATE</b> |
|   | 4,593,292   | 06/03/1986  | Lewis                                   |              |   |                                       |
|   | 4,609,924   | 09/02/1986  | De Young                                |              |   |                                       |
|   | 4,631,557   | 12/23/1986  | Cooke et al.                            |              |   |                                       |
|   | 4,636,803   | 01/13/1987  | Mikalsen                                |              |   |                                       |
|   | 4,682,185   | 07/21/1987  | Martner                                 |              |   |                                       |
|   | 5,135,379   | 08/04/1992  | Fudim                                   |              |   |                                       |
|   | 5,136,515   | 08/04/1992  | Helinski                                |              |   |                                       |
|   | 5,280,300   | 01/18/1994  | Fong et al.                             |              |   |                                       |
|   | 5,287,435   | 02/15/1994  | Cohen et al.                            |              |   |                                       |
|   | 5,303,141   | 04/12/1994  | Batchelder et al.                       |              |   |                                       |
|   | 5,362,427   | 11/08/1994  | Mitchell, Jr.                           |              |   |                                       |
|   | 5,386,500   | 01/31/1995  | Pomerantz et al.                        |              |   |                                       |
|   | 5,519,816   | 05/21/1996  | Pomerantz et al.                        |              |   |                                       |
| <b>FOREIGN PATENT DOCUMENTS</b>   |   |             |   |              |   |                                       |
|   | <b>DOCUMENT NUMBER</b>  | <b>DATE</b> | <b>COUNTRY</b>                          |              |   | <b>TRANSLATION<br/>(YES/NO)</b>       |
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| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |   |             |   |              |   |                                       |
|   | U.S. Patent Application No. 09/970,727, filed 10/3/2001 by Newell.        |             |   |              |   |                                       |
|   | U.S. Patent Application No. 09/970,956, filed 10/3/2001 by Varnon et al.  |             |   |              |   |                                       |
|   | U.S. Patent Application No. 09/971,247, filed 10/3/2001 by Schmidt et al. |             |   |              |   |                                       |
|   | U.S. Patent Application No. 09/971,337, filed 10/3/2001 by Schmidt.       |             |   |              |   |                                       |
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| <b>EXAMINER</b>   | <b>DATE CONSIDERED</b>  |             |   |              |   |                                       |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. |   |             |   |              |   |                                       |

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|   | 5,555,176              | 09/10/1996             | Menhennett et al.                       |              |   |                                       |
|   | 5,594,652              | 01/14/1997             | Penn et al.                             |              |   |                                       |
|   | 5,635,964              | 06/03/1997             | Burr et al.                             |              |   |                                       |
|   | 5,740,051              | 04/14/1998             | Sanders, Jr. et al.                     |              |   |                                       |
|   | 6,136,252              | 10/24/2000             | Bedal et al.                            |              |   |                                       |
|   | 6,169,605              | 01/02/2001             | Penn et al.                             |              |   |                                       |
|   | 6,193,923              | 02/27/2001             | Leyden et al.                           |              |   |                                       |
|   | 6,259,962              | 07/10/2001             | Gothait                                 |              |   |                                       |
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